

Product Datasheet

Calnexin Antibody (1C2.2D11) [FITC] NBP2-36570F

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-36570F

Calnexin Antibody (1C2.2D11) [FITC]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	1C2.2D11
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	FITC
Purity	Protein G purified
Buffer	PBS

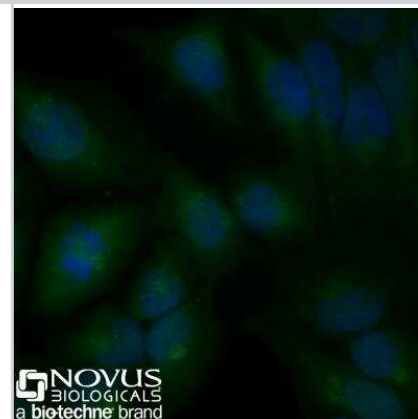
Product Description	
Host	Mouse
Gene ID	821
Gene Symbol	CANX
Species	Human
Reactivity Notes	Immunogen's sequence similarity with other species: Mouse (88%), Duck (81%), Xenopus (76%)
Marker	Endoplasmic Reticulum Membrane Marker
Immunogen	Partial recombinant human Calnexin protein (between amino acids 1-300). [UniProt P27824]
Notes	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Intracellular)
Application Notes	Optimal dilution of this antibody should be experimentally determined.

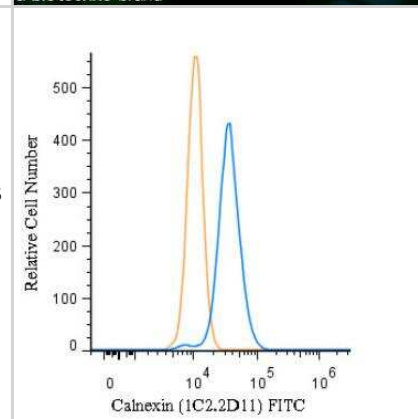


Images

Immunocytochemistry/Immunofluorescence: Calnexin Antibody (1C2.2D11) [FITC] [NBP2-36570F] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton-X100. The cells were incubated with anti-Calnexin (1C2.2D11) conjugated to FITC [NBP2-36570F] at 10ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Flow (Intracellular): Calnexin Antibody (1C2.2D11) [FITC] [NBP2-36570F] - An intracellular stain was performed on HeLa cells with Calnexin Antibody (1C2.2D11) NBP2-36570F (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to FITC.



Publications

Ma A, Motyka B, Gutfreund K et al. A Dendritic Cell Receptor-Targeted Chimeric Immunotherapeutic Protein (C-HBV) for the Treatment of Chronic Hepatitis B Hum Vaccin Immunother. 2019-12-12 [PMID: 31687879] (Human)

Details:

Citation used the FITC format of this antibody.



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Products Related to NBP2-36570F

NBP1-43317F	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [FITC]
NB100-1965PEP	Calnexin Antibody Blocking Peptide
NB100-1974PEP	Calnexin Antibody Blocking Peptide
NBP2-22203	ERK1 Antibody (1E5) - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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